



# Cyclops Helios Teardown

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## INTRODUCTION

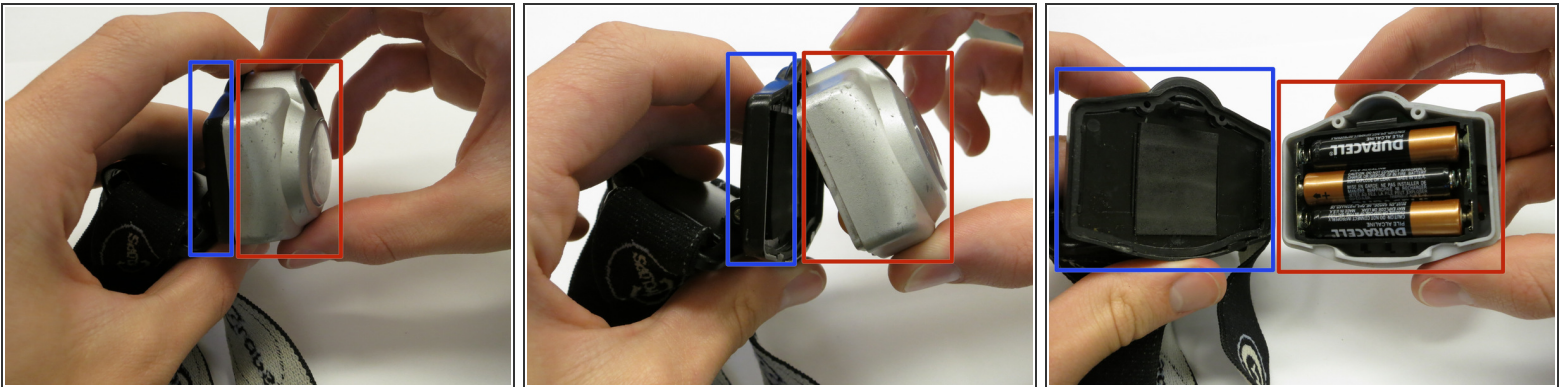
Tearing down a Cyclops Helios headlamp. Both hardware identification and functionality for the device are discussed.

## Step 1 — Cyclops Helios Teardown



- Power off Cyclops Helios before tearing down by pushing the black button until the LEDs no longer emit visible light.
- **Black button** - circled in red

## Step 2



- Using two hands, carefully separate the front panel and back panel of the Cyclops Helios.
- **Front panel** - boxed in red
- **Back panel** - boxed in blue

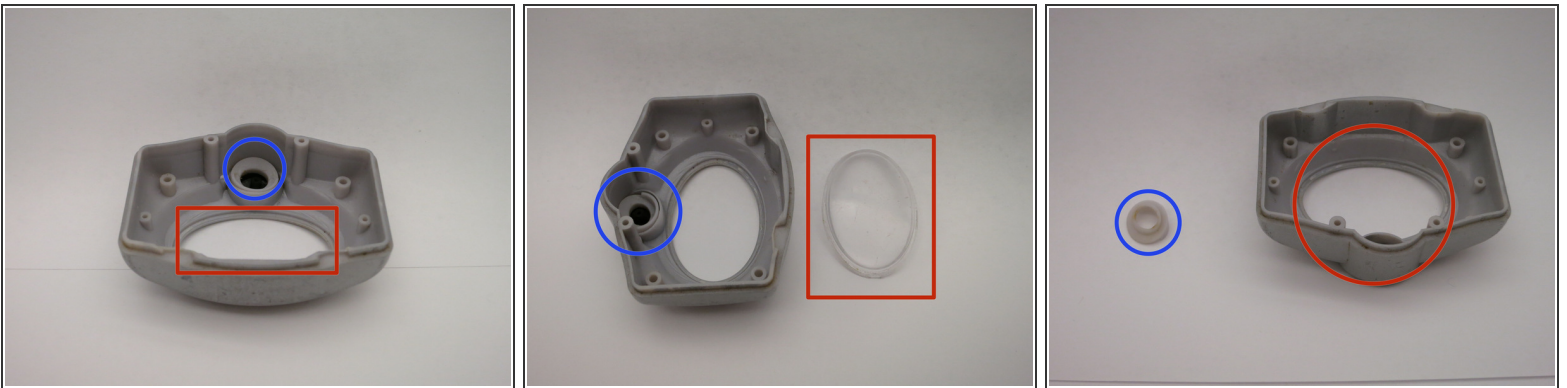


### Step 3



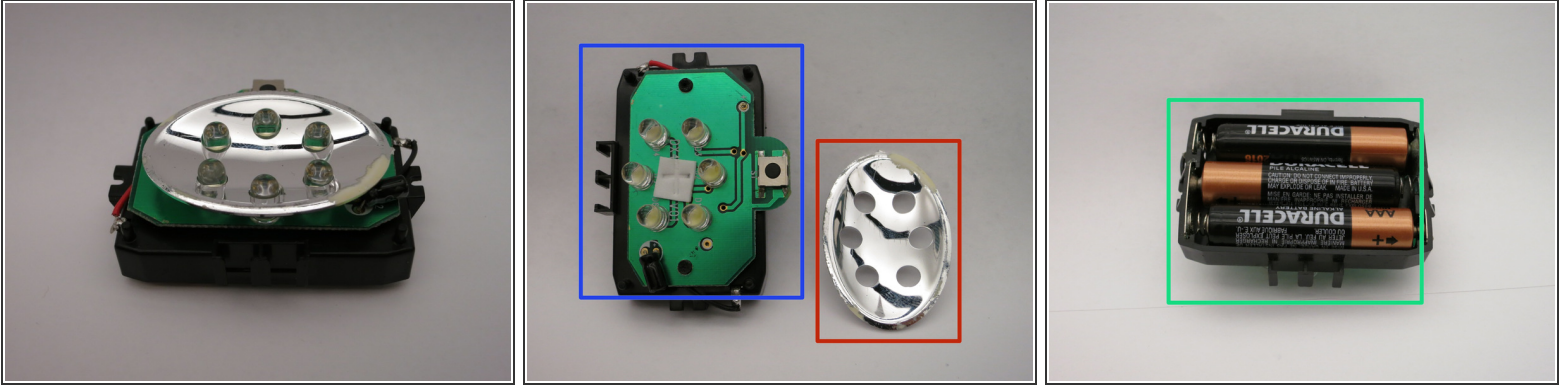
- Use a Phillips head screwdriver to remove two screws from the front panel.
- The two screws fasten the outer enclosure with the inner electronics of the front panel.

### Step 4



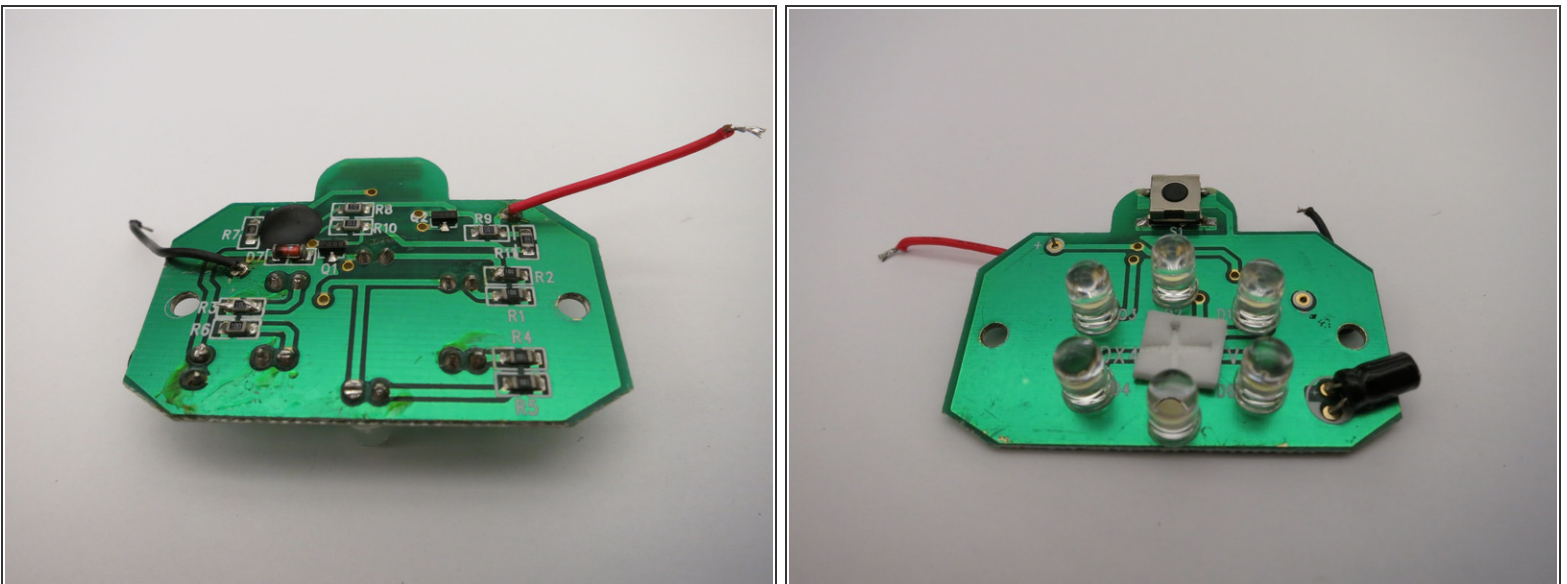
- Within the enclosure of the front panel there is a clear plastic lens, and plastic button insert. Both are removable.
- **Clear plastic lens** - boxed in red
- **Plastic button insert** - circled in blue

## Step 5



- The inner electronics of module of the front panel includes a parabolic mirror, circuit board, and battery holder.
  - **Circuit board** - boxed in blue
  - **Parabolic mirror** - boxed in red
  - **Battery holder** - boxed in green

## Step 6



- Separate the circuit board from the battery holder by desoldering the black and red wires from the battery holder.

To reassemble your device, follow these instructions in reverse order.

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